



Dart Aerospace Ltd.  
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Canada

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**RBW895-3101-04-145-03**

**Job Sheet 199271**



**Part No:** RBW895-3101-04-145-03

**Job Qty:** 1 pcs

**Part Name:** Clamp



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 8/16/19

**Job Tracking No:**

**Due Date:** 10/18/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** DWG RBW895-3101-04-145 Rev A IPP Rev. A 19.08.15 New issue DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation           | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|---------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                     |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 110   | Waterjet - Omax - 1 | 1 pcs | 10/18/19   | 10/18/19 | 0.17      | 0.10    | Waterjet - Omax       |           | dc 19/09/07 |
| 120   | QC 2                | 1 pcs | 10/18/19   | 10/18/19 | 0.00      | 0.00    | QC 2 - 1              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 12             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 14             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 17             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 19             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 2              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 20             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 22             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 23             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 25             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 32             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 33             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 35             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 39             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 4              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 40             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 44             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 45             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 48             |           | dc 19/09/07 |
|       |                     |       |            |          |           |         | QC 2 - 49             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 50             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 51             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 52             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 57             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 62             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 63             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 8              |           |             |
|       |                     |       |            |          |           |         | QC 2 - 66             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 64             |           |             |
|       |                     |       |            |          |           |         | QC 2 - 65             |           |             |

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|     |                  |       |          |           |                  |                              |
|-----|------------------|-------|----------|-----------|------------------|------------------------------|
|     |                  |       |          |           | QC 2 - 5         |                              |
|     |                  |       |          |           | QC 2 - 71        |                              |
|     |                  |       |          |           | QC 2 - 73        |                              |
|     |                  |       |          |           | QC 2 - 69        |                              |
|     |                  |       |          |           | NV5000 - 1 - B4B |                              |
| 130 | NV5000 - 1 - B4B | 1 pcs | 10/18/19 | 1.00 0.50 | NV5000 - 2 - B4B | kt - 19-09-08<br>kt 19-09-08 |
| 140 | QC 2             | 1 pcs | 10/18/19 | 0.00 0.00 | QC 2 - 1         |                              |
|     |                  |       |          |           | QC 2 - 12        |                              |
|     |                  |       |          |           | QC 2 - 14        |                              |
|     |                  |       |          |           | QC 2 - 17        |                              |
|     |                  |       |          |           | QC 2 - 19        |                              |
|     |                  |       |          |           | QC 2 - 2         |                              |
|     |                  |       |          |           | QC 2 - 20        |                              |
|     |                  |       |          |           | QC 2 - 22        |                              |
|     |                  |       |          |           | QC 2 - 23        |                              |
|     |                  |       |          |           | QC 2 - 25        |                              |
|     |                  |       |          |           | QC 2 - 32        |                              |
|     |                  |       |          |           | QC 2 - 33        |                              |
|     |                  |       |          |           | QC 2 - 35        |                              |
|     |                  |       |          |           | QC 2 - 39        |                              |
|     |                  |       |          |           | QC 2 - 4         |                              |
|     |                  |       |          |           | QC 2 - 40        |                              |
|     |                  |       |          |           | QC 2 - 44        |                              |
|     |                  |       |          |           | QC 2 - 45        |                              |
|     |                  |       |          |           | QC 2 - 48        |                              |
|     |                  |       |          |           | QC 2 - 49        |                              |
|     |                  |       |          |           | QC 2 - 50        |                              |
|     |                  |       |          |           | QC 2 - 51        |                              |
|     |                  |       |          |           | QC 2 - 52        |                              |
|     |                  |       |          |           | QC 2 - 57        |                              |
|     |                  |       |          |           | QC 2 - 62        |                              |
|     |                  |       |          |           | QC 2 - 63        |                              |
|     |                  |       |          |           | QC 2 - 8         |                              |
|     |                  |       |          |           | QC 2 - 66        |                              |
|     |                  |       |          |           | QC 2 - 64        |                              |
|     |                  |       |          |           | QC 2 - 65        |                              |
|     |                  |       |          |           | QC 2 - 5         |                              |
|     |                  |       |          |           | QC 2 - 71        |                              |
|     |                  |       |          |           | QC 2 - 73        |                              |
|     |                  |       |          |           | QC 2 - 69        |                              |
| 150 | QC 8             | 1 pcs | 10/18/19 | 0.00 0.00 | QC 8 - 12        |                              |
|     |                  |       |          |           | QC 8 - 14        |                              |
|     |                  |       |          |           | QC 8 - 17        |                              |
|     |                  |       |          |           | QC 8 - 20        |                              |
|     |                  |       |          |           | QC 8 - 25        |                              |
|     |                  |       |          |           | QC 8 - 3         |                              |
|     |                  |       |          |           | QC 8 - 32        | 3.C.L. 19-08-04              |
|     |                  |       |          |           | QC 8 - 33        |                              |
|     |                  |       |          |           | QC 8 - 35        |                              |
|     |                  |       |          |           | QC 8 - 39        |                              |
|     |                  |       |          |           | QC 8 - 4         |                              |
|     |                  |       |          |           | QC 8 - 44        |                              |
|     |                  |       |          |           | QC 8 - 45        |                              |
|     |                  |       |          |           | QC 8 - 49        |                              |
|     |                  |       |          |           | QC 8 - 58        |                              |
|     |                  |       |          |           | QC 8 - 8         |                              |
|     |                  |       |          |           | QC 8 - 9         |                              |
|     |                  |       |          |           | QC 8 - 68        |                              |
|     |                  |       |          |           | QC 8 - 67        |                              |

|                                        |          |           |  |  |                        |  |
|----------------------------------------|----------|-----------|--|--|------------------------|--|
|                                        |          |           |  |  | QC 8 - 1 (A)           |  |
|                                        |          |           |  |  | QC 8 - 47              |  |
|                                        |          |           |  |  | QC 8 - 40              |  |
|                                        |          |           |  |  | QC 8 - 52              |  |
|                                        |          |           |  |  | QC 8 - 23              |  |
|                                        |          |           |  |  | QC 8 - 57              |  |
| 151 Powdercoat - 13 Yellow - B4B 1 pcs | 10/18/19 | 0.00 0.10 |  |  | Powdercoat - 1 - B4B   |  |
|                                        |          |           |  |  | Powdercoat - 2 - B4B   |  |
|                                        |          |           |  |  | Powdercoat - 3 - B4B   |  |
|                                        |          |           |  |  | Powdercoat - 4 - B4B   |  |
| 152 QC 3 1 pcs                         | 10/18/19 | 0.00 0.00 |  |  | QC 3 - 10              |  |
|                                        |          |           |  |  | QC 3 - 13              |  |
|                                        |          |           |  |  | QC 3 - 15              |  |
|                                        |          |           |  |  | QC 3 - 17              |  |
|                                        |          |           |  |  | QC 3 - 18              |  |
|                                        |          |           |  |  | QC 3 - 2               |  |
|                                        |          |           |  |  | QC 3 - 28              |  |
|                                        |          |           |  |  | QC 3 - 3               |  |
|                                        |          |           |  |  | QC 3 - 30              |  |
|                                        |          |           |  |  | QC 3 - 34              |  |
|                                        |          |           |  |  | QC 3 - 36              |  |
|                                        |          |           |  |  | QC 3 - 41              |  |
|                                        |          |           |  |  | QC 3 - 51              |  |
|                                        |          |           |  |  | QC 3 - 58              |  |
|                                        |          |           |  |  | QC 3 - 59              |  |
|                                        |          |           |  |  | QC 3 - 68              |  |
|                                        |          |           |  |  | QC 3 - 9               |  |
|                                        |          |           |  |  | QC 3 - 40              |  |
|                                        |          |           |  |  | QC 3 - 19              |  |
|                                        |          |           |  |  | QC 3 - 43              |  |
|                                        |          |           |  |  | QC 3 - 24              |  |
|                                        |          |           |  |  | QC 3 - 61              |  |
|                                        |          |           |  |  | QC 3 - 81              |  |
| 160 Packaging 3-1 - Stock - B4B 1 pcs  | 10/18/19 | 0.00 0.00 |  |  | Packaging 3 - 1 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 2 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 3 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 4 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 5 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 6 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 7 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 8 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 9 - B4B  |  |
|                                        |          |           |  |  | Packaging 3 - 10 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 11 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 12 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 13 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 14 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 15 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 16 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 17 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 18 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 19 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 20 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 21 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 22 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 23 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 24 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 25 - B4B |  |
|                                        |          |           |  |  | Packaging 3 - 26 - B4B |  |

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|                |       |          |           |                        |             |
|----------------|-------|----------|-----------|------------------------|-------------|
|                |       |          |           | Packaging 3 - 27 - B4B |             |
|                |       |          |           | Packaging 3 - 28 - B4B |             |
|                |       |          |           | Packaging 3 - 29 - B4B |             |
|                |       |          |           | Packaging 3 - 30 - B4B |             |
|                |       |          |           | Packaging 3 - 31 - B4B |             |
|                |       |          |           | Packaging 3 - 32 - B4B |             |
|                |       |          |           | Packaging 3 - 33 - B4B |             |
|                |       |          |           | Packaging 3 - 34 - B4B |             |
|                |       |          |           | Packaging 3 - 35 - B4B |             |
|                |       |          |           | Packaging 3 - 36 - B4B |             |
| 170 QC 21 - SA | 1 pcs | 10/18/19 | 0.00 0.00 | QC 21 - SA - 21        |             |
|                |       |          |           | QC 21 - SA - 70        | SEP 16 2019 |
|                |       |          |           | QC 21 - SA - 53        | DAS 70      |
|                |       |          |           |                        | 9-89        |

close work only

Part Op 110 - OMAX (Waterjet 2) 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Debur if necessary

Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - NV5000-2 (MORI SEIKI VERTICAL MACHINE #2) 1-Machine as per folio FC N/A FOLIO REV: N/A

DWG REV: A 2-Debur

140 - (QC2- Inspect parts off machine FAI/FAIB)

150 - (QC8- Inspect parts - second check)

151 - (Powdercoat13 - Yellow #13538) START TIME: 9:05 OVEN TEMPERATURE: 320° FINISH TIME: 10:25

152 - (QC3- Inspect Part Finish) Ink stamp T/N and MAX LOAD as per DWG. N/A

160 - (Identify as per dwg & Stock Location: \_\_\_\_\_)

170 - (QC21- Final Inspection - Work Order Release)

| Job BOM      |                   |                   |                         |           |
|--------------|-------------------|-------------------|-------------------------|-----------|
| Part / Item  | Component Name    | Quantity          | Operation               | Container |
| M6061T6S.250 | 6061T6 Sheet .250 | .0800 sf (.08 ea) | 110-Waterjet - Omax - 1 | S138977   |

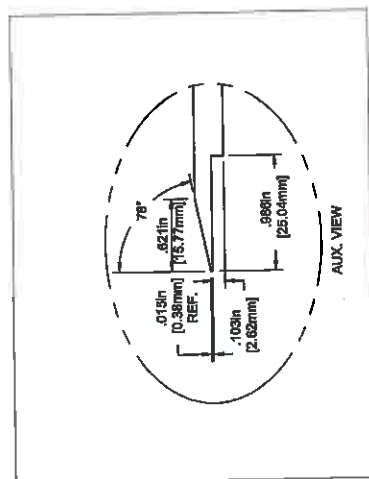
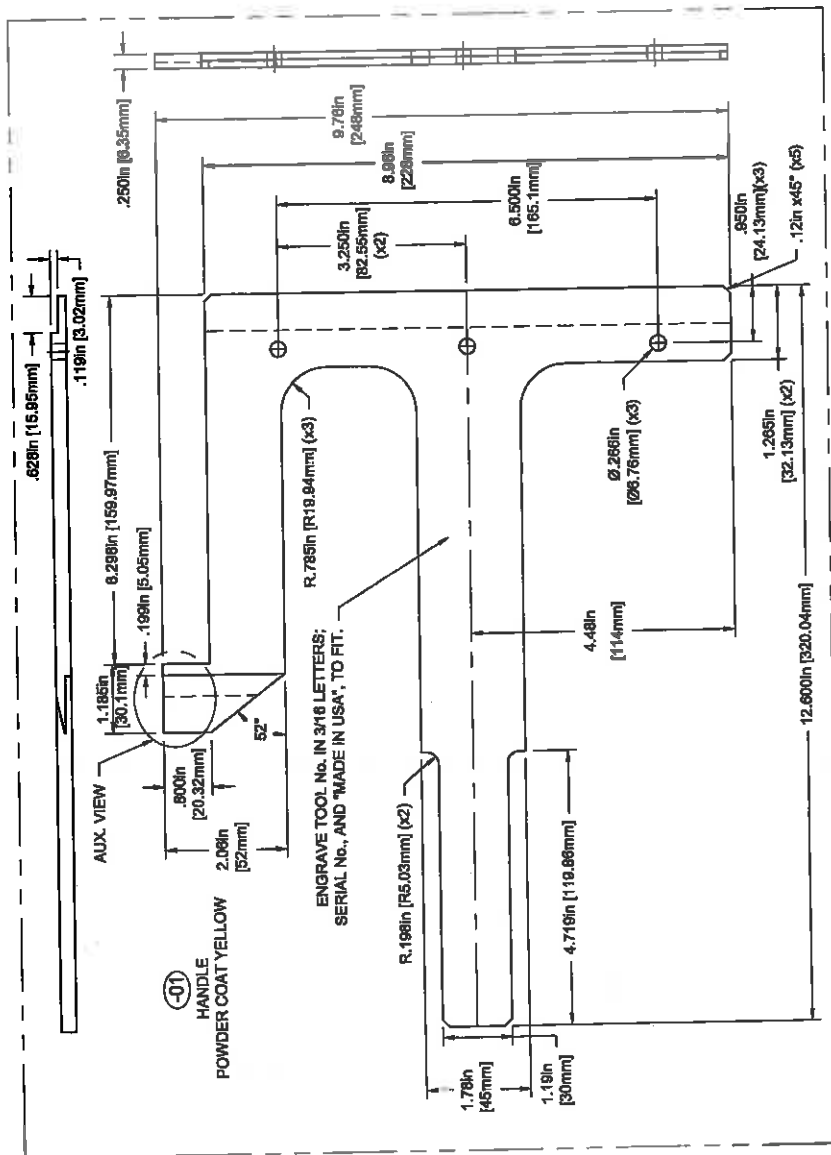
| Job Allocations         |                |          |           |           |
|-------------------------|----------------|----------|-----------|-----------|
| Operation               | Component Part | Required | Inventory | Allocated |
| 110-Waterjet - Omax - 1 | M6061T6S.250   | 0        | 49        | 0         |

| Part Specifications                |  |
|------------------------------------|--|
| Specifications could not be found. |  |

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|   | DATE | SIGNATURE | REMARKS |
|---|------|-----------|---------|
| ✓ | -    | -         | -       |

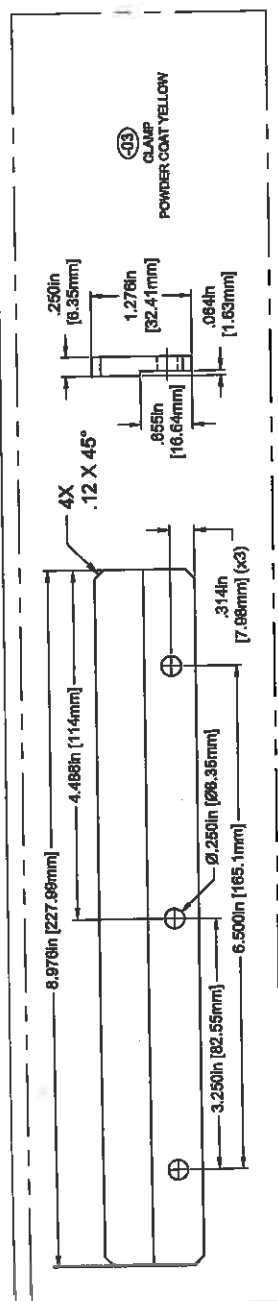


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|                                                                                                             |            |                                    |                                  |                                       |             |                        |                 |                 |                        |                 |             |
|-------------------------------------------------------------------------------------------------------------|------------|------------------------------------|----------------------------------|---------------------------------------|-------------|------------------------|-----------------|-----------------|------------------------|-----------------|-------------|
|  <b>RED BARN MACHINE</b> |            | <b>M/R BLADE TAB BENDER; PARTS</b> |                                  | <b>RM7895-3101-04-145-01 &amp; 03</b> |             | <b>PERRITT</b>         |                 | <b>SEE PART</b> |                        | <b>2 of 2</b>   |             |
| <b>TRADE</b>                                                                                                | <b>QTY</b> | <b>UNIT</b>                        | <b>DESCRIPTION</b>               | <b>QUANTITY</b>                       | <b>UNIT</b> | <b>REMARKS</b>         | <b>QUANTITY</b> | <b>UNIT</b>     | <b>REMARKS</b>         | <b>QUANTITY</b> | <b>UNIT</b> |
| <b>NO</b>                                                                                                   | <b>QTY</b> | <b>UNIT</b>                        | <b>DESCRIPTION</b>               | <b>QUANTITY</b>                       | <b>UNIT</b> | <b>REMARKS</b>         | <b>QUANTITY</b> | <b>UNIT</b>     | <b>REMARKS</b>         | <b>QUANTITY</b> | <b>UNIT</b> |
| <b>1</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>FRUITIONERS &amp; L&amp;E</b> | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>2</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ANILERS 257</b>               | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>3</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>4</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>5</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>6</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>7</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>8</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>9</b>                                                                                                    | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>10</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>11</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>12</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>13</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>14</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>15</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>16</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>17</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>18</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>19</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>20</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>21</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>22</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>23</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>24</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>25</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>26</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>27</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>28</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>29</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>30</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>31</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |
| <b>32</b>                                                                                                   | <b>1</b>   | <b>EA</b>                          | <b>ALL B&amp;S 257</b>           | <b>1</b>                              | <b>EA</b>   | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>       | <b>USED ON L&amp;E</b> | <b>1</b>        | <b>EA</b>   |





Entered: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only

NCR No. \_\_\_\_\_

### DEPARTMENT/PROCESS

Job: \_\_\_\_\_  
Part No. \_\_\_\_\_

### DISPOSITION

Rework ☐  
Scrap ☐  
Use-as-is ☐

Skid-tube ☐  
Machining ☐  
Large Fab ☐

Cross tube ☐  
Small Fab ☐  
Finishing ☐

Eng. (Non-AW) ☐  
Prod. Eng. Coord. ☐  
Rec/Store/Packaging ☐

Engineering ☐  
Water Jet ☐  
Supplier ☐  
Quality ☐

Date: \_\_\_\_\_ Sequence #: \_\_\_\_\_

QTY Affected: \_\_\_\_\_

MRB (QS1042)

### Description Work Order Deviation

### Disposition

Completed By \_\_\_\_\_

Lead hand / Supervisor \_\_\_\_\_

QC / QA Coordinator \_\_\_\_\_

### Root Cause

Operator ☐  
Manufacturing Process ☐  
Equip/Tooling ☐  
Handling/Preservation ☐  
Material ☐  
Product Improvement ☐  
Process Improvement ☐  
Human Factors ☐

### FAULT CATEGORY

|                              |                                 |                    |                   |
|------------------------------|---------------------------------|--------------------|-------------------|
| Pressure/Forced              | Contamination                   | Power Loss/Surge   | Positioned Wrong  |
| Bending                      | Misaligned/off center           | Folio/Program      | Outside Tolerance |
| Crushing                     | BOM/Route                       | Grain Direction    | Drawing           |
| Cracks                       | Broken/Damage/Defect            | Weld               | Finish            |
| Crimp/Kink/Ripple/Wave/Twist | Incomplete/Unclear Instructions | Wrong Stock Pulled | Part Lost/Missing |
| Marks/Chatter                | Drill Holes                     | Out of Sequence    | Misread           |
| Mislabeled                   | Fit/Function                    | Off-set/Set-up     |                   |

Other/Details: \_\_\_\_\_